

I:\ProjectData\MAH\94132\_224\_14\8\Design\Roadway\Sheets\94132\_GG001.dgn Sheet 4/6/2020 7:26:43 AM mpaalagan

SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	6	7	8	11	12	13	14	5A		01/NHS/P V	02/S>2/P V	06/SAF/P V						
<b>ROADWAY</b>																			
500											500			202	32000	500	FT	CURB REMOVED	
3,500											3,500			202	32500	3,500	FT	CURB AND GUTTER REMOVED	
								2,650			2,650			202	38000	2,650	FT	GUARDRAIL REMOVED	
								21			21			202	98100	21	EACH	REMOVAL MISC.: BARRIER REFLECTOR	
									33		33			203	10000	33	CY	EXCAVATION (FOR PAVEMENT REPAIR)	
					71						71			209	72000	71	STA	PREPARING SUBGRADE FOR SHOULDER PAVING	
											1,775			606	15100	1,775	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
											200			606	15200	200	FT	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS	
											100			606	17360	100	FT	GUARDRAIL, TYPE MGS, LONG-SPAN	
											6			606	26050	6	EACH	ANCHOR ASSEMBLY, MGS TYPE B	
											10			606	26150	10	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
											4			606	32160	4	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE TST	
											4			606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
	14										14			623	39501	14	EACH	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN	
<b>EROSION CONTROL</b>																			
											LS			832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
											LS			832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
											LS			832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
											3,000			832	30000	3,000	EACH	EROSION CONTROL	
<b>DRAINAGE</b>																			
									36		36			611	04401	36	FT	12" CONDUIT, TYPE B, AS PER PLAN	
10											10			611	98630	10	EACH	CATCH BASIN ADJUSTED TO GRADE	
											1			611	99574	1	EACH	MANHOLE, NO. 3	
	93										93			611	99655	93	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	
<b>PAVEMENT</b>																			
1,150											1,110	40		251	01000	1,150	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
											1,304			252	01500	1,304	FT	FULL DEPTH PAVEMENT SAWING	
											200			253	01000	200	SY	PAVEMENT REPAIR	
					178,563						178,563			254	01000	178,563	SY	PAVEMENT PLANING, ASPHALT CONCRETE	
											20			301	46000	20	CY	ASPHALT CONCRETE BASE, PG64-22	
											33			304	20000	33	CY	AGGREGATE BASE (FOR PAVEMENT REPAIR)	
					31,451						30,797	654		407	20000	31,451	GAL	NON-TRACKING TACK COAT	
					629						629			408	10001	629	GAL	PRIME COAT, AS PER PLAN	
					6,771						6,519	252		424	12001	6,771	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN	
					21,969						21,969			441	00100	21,969	CY	ANTI-SEGREGATION EQUIPMENT	
					21,969						21,969			441	10201	21,969	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), AS PER PLAN, PG64-28	
					235						235			442	10150	235	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (446)	
3,500											3,500			609	12000	3,500	FT	COMBINATION CURB AND GUTTER, TYPE 2	
500											500			609	24510	500	FT	CURB, TYPE 4-C	
											44			617	10101	44	CY	COMPACTED AGGREGATE, AS PER PLAN	
											52,306			897	01010	52,306	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A	
<b>WATER WORK</b>																			
	42										42			638	10801	42	EACH	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN	
<b>TRAFFIC CONTROL</b>																			
								1,612			1,612			621	00100	1,612	EACH	RPM	
								1,290			1,290			621	54000	1,290	EACH	RAISED PAVEMENT MARKER REMOVED	
									30		30			626	00110	30	EACH	BARRIER REFLECTOR, TYPE 2	
	2												2	630	79000	2	EACH	SIGN HANGER ASSEMBLY, SPAN WIRE	
	24												24	630	80100	24	SF	SIGN, FLAT SHEET	
	3												3	630	87400	3	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	
											3.92			646	10010	3.92	MILE	EDGE LINE, 6"	
											10.64			646	10110	10.64	MILE	LANE LINE, 6"	
											5.44			646	10200	5.44	MILE	CENTER LINE	
											11,655		0.02	646	10300	11,655	FT	CHANNELIZING LINE, 8"	

**GENERAL SUMMARY**

**MAH - 224 - 13.64**

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SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	6	7	8	11	12	13	14	5A	01/NHS/P V	02/S>2/P V	06/SAF/P V						
<b>TRAFFIC CONTROL</b>																		
						4				4			646	20110	4	EACH	SCHOOL SYMBOL MARKING, 96"	
						195				193		2	646	20300	195	EACH	LANE ARROW	
						145				145			646	20504	145	FT	DOTTED LINE, 6"	
1,047												1,047	831	00100	1,047	FT	LONGITUDINAL CHANNELIZING DEVICE	
<b>TRAFFIC SIGNALS</b>																		
	4											4	632	20731	4	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	5
	160											160	632	30200	160	FT	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES	
	LS											LS	633	99300	LS		CONTROLLER ITEM, MISC.: CONTROLLER MODIFICATION	5
	4											4	809	69000	4	EACH	ADVANCE RADAR DETECTION	
	60											60	809	69100	60	EACH	STOP LINE RADAR DETECTION	
<b>STRUCTURE REPAIRS</b>																		
																	FOR MAH-224-1534 ESTIMATED QUANTITIES	17
																	FOR MAH-224-1593 ESTIMATED QUANTITIES	20
																	FOR MAH-224-1618 ESTIMATED QUANTITIES	17
<b>MAINTENANCE OF TRAFFIC</b>																		
			1,500							1,500			614	11110	1,500	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
				4						4			614	12338	4	EACH	WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL)	
		25								25			614	12460	25	EACH	WORK ZONE MARKING SIGN	
		120								120			614	13000	120	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
				10						10			614	13310	10	EACH	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL)	
					10					10			614	13360	10	EACH	OBJECT MARKER, TWO WAY	
		11								11			614	20010	11	MILE	WORK ZONE LANE LINE, CLASS I, 6"	
		11								11			614	20560	11	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	
		5.5								5.5			614	21000	5.5	MILE	WORK ZONE CENTER LINE, CLASS I	
		5.5								5.5			614	21550	5.5	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
		11,535		480						12,015			614	23000	12,015	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	
		11,535								11,535			614	23680	11,535	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	
		1,243								1,243			614	26000	1,243	FT	WORK ZONE STOP LINE, CLASS I	
		1,243								1,243			614	26610	1,243	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
		214								195	19		614	30000	214	EACH	WORK ZONE ARROW, CLASS I	
										195	19		614	30650	214	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT	
				360						360			622	41000	360	FT	PORTABLE BARRIER, 32"	
				160						160			622	41020	160	FT	PORTABLE BARRIER, 32", BRIDGE MOUNTED	
<b>INCIDENTALS</b>																		
										LS			614	11000	LS		MAINTAINING TRAFFIC	
										18			619	16010	18	MNTH	FIELD OFFICE, TYPE B	
										LS			623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
										LS			624	10000	LS		MOBILIZATION	

**GENERAL SUMMARY**

**MAH - 224 - 13.64**